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Oct 19, 1993

DERWENT-ACC-NO: 1993-365380

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TITLE: Thermoplastic resin compsn. with good impact resistance and improved heat-sealing property - contains cyclic olefin! copolymer obtd. by copolymerising cyclic olefin and alpha-olefin, useful for car components etc.

PRIORITY-DATA: 1992JP-0098653 (March 25, 1992)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> JP 05271484 A	October 19, 1993		012	C08L023/02
<input type="checkbox"/> JP 3221721 B2	October 22, 2001		014	C08L023/08

INT-CL (IPC): C08L 23/02; C08L 23/08; C08L 23/18; C08L 45/00; C08L 101/00

ABSTRACTED-PUB-NO: JP 05271484A

BASIC-ABSTRACT:

Compsn. consists of 2-98 wt.% of (a) cyclic olefin type copolymer with glass transition temp. (Tg) up to 30 deg.C obtd. by copolymerising cyclic olefin with alpha-olefin and 98-2 wt.% of (b) thermoplastic resin.

Typically, cyclic olefin contains repeat unit of formula (Y) where Rb, Rm is H, 1-20C hydrocarbon gp. or halogen, oxygen or nitrogen contg. substit.; n is above 0; Rj and Rk or Rl and Rm may form a ring. Example of cyclic olefin is norbornene, 5-methyl norbornene, 5-ethyl norbornene, 5-propyl norbornene, 5,6-dimethyl norbornene, 1-methyl norbornene, 7-methyl norbornene, 5,5,6-trimethyl norbornene, 5-5-phenyl norbornene, 5-benzyl norbornene, etc..

USE/ADVANTAGE - The compsn. can be used for car parts, domestic appliances, films, etc. effectively due to good impact resistance and heat sealing property.

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